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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Claims 1-23 have been amended herein to further emphasize and/or clarify various novel aspects of the subject invention.

1. (Currently amended) A system ~~that for visually monitoring~~ monitors a semiconductor processing system, comprising:
- ~~a an enclosed processing develop~~ chamber of the system having an interior, and
an image collector ~~associated with~~ located at least partially within the develop chamber,
the image collector collects energy reflected from inside the develop chamber and transmits a
signal indicative of the ~~for collecting images of the interior of the chamber and providing a signal~~
~~indicative of a visual representation of interior of the chamber.~~
2. (Currently amended) The system of claim 1 further ~~including~~ includes a light source ~~associated with the chamber for that illuminates~~ illuminating the interior of the develop chamber so as to enable the image collector to obtain a visible image of the interior of the chamber.
3. (Currently amended) The system of claim 2, ~~wherein~~ the light source is a light emitting diode.
4. (Currently amended) The system of claim 2, ~~wherein~~ the light source is a fiber optic cable with ~~having~~ a light emitting portion located within the develop chamber ~~for illuminating the interior of the chamber.~~
5. (Currently amended) The system of claim 2, ~~wherein the chamber is part of a further~~ comprises a coater chamber unit of the system a for providing that provides photoresist material on a substrate, the light source provides ~~providing~~ light at a wavelength so as not to expose the photoresist material.

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6. (Currently amended) The system of claim 2, ~~wherein the develop chamber is part of a developer unit of the system for developing~~ develops photoresist material on a substrate, the light source ~~provides~~ providing light at a wavelength so as not to expose the photoresist material.

7. (Currently amended) The system of claim 2, ~~wherein the image collector further~~ includes a camera module ~~for that collects~~ collecting the images and ~~provides~~ providing an electrical signal indicative of a visual representation of the interior of the chamber.

8. (Currently amended) The system of claim 7, ~~wherein the camera module is connected with one end of a fiber optic cable, a lens being connected with another end of the fiber optic cable for collecting the images from the interior of the chamber and providing the image signal to the camera module, the camera module converting the image signal into the electrical signal.~~

9. (Currently amended) The system of claim 8, ~~wherein the lens is faceted to~~ for receive ~~receiving~~ reflected light from a plurality of discrete directions within the chamber so that the image signal is formed of an image from each of the discrete directions.

10. (Currently amended) The system of claim 7, further ~~includes~~ including a viewing station ~~for that receives~~ receiving the electrical signal and ~~displays~~ displaying a visual representation of the interior of the chamber according to the electrical signal.

11. (Currently amended) The system of claim 10, ~~wherein the viewing station includes a controller for that selectively~~ controls ~~controlling~~ activation of the camera module.

12. (Currently amended) The system of claim 11, ~~wherein the controller further controls the light source.~~

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13. (Currently amended) The system of claim 1, wherein the image collector includes a fiber optic cable having a light receiving end disposed within the chamber for collecting images of the interior of the chamber, another end of the fiber optic cable being ~~operatively~~ connected to a camera module ~~for that provides~~ providing the image signal indicative ~~indicated~~ of a ~~visual representation~~ of the interior of the chamber, the camera module converting the image signal into an electrical signal indicative of a ~~visual representation~~ of the interior of the chamber.

14. (Currently amended) The system of claim 13, wherein the light receiving end of the fiber optic camera includes a lens for receiving light from a plurality of discrete directions within the chamber so that the image signal is formed of an image from each of the discrete directions.

15. (Currently amended) A system ~~for that~~ visually monitors ~~monitoring~~ an internal part of a semiconductor processing system, comprising:

imaging means for collecting images of an interior of an enclosed developer ~~developing~~ chamber and providing an image signal indicative of a visual representation of the interior of the developer chamber; and

viewing means for receiving the image signal and providing a visual representation of the interior of the chamber.

16. (Currently amended) The system of claim 15, wherein the imaging means includes a camera having a lens portion located within the chamber to collect the images and provide the image signal.

17. (Currently amended) The system of claim 15, further includes ~~including~~ illumination means for illuminating the interior of the chamber to facilitate collecting images of the interior of the chamber by the camera.

18. (Currently amended) The system of claim 17, further includes ~~including~~ means for selectively controlling at least one of the camera and the illumination means.

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19. (Currently amended) A method for visually monitoring an interior of an enclosed developing ~~processing~~ chamber in a semiconductor processing system, comprising the steps of:
collecting visual images of the interior of the chamber and providing an image signal indicative thereof; and
displaying a visual representation of the interior of the enclosed chamber based on the image signal.

20. (Currently amended) The method of claim 19; further includes ~~including~~ the step of illuminating the interior of the enclosed chamber to facilitate collecting of visual images.

21. (Currently amended) The method of claim 20, ~~wherein~~ the step of illuminating includes emitting light within the chamber at a wavelength which does not interfere with processing within the chamber.

22. (Currently amended) The method of claim 19; further includes ~~including~~ the step of controlling the steps of emitting and collecting so that the visual representation includes images of processing within the chamber.

23. (Currently amended) The method of claim 19, ~~wherein~~ visual representation is displayed remotely from the semiconductor processing system.